CLAIM AMENDMENTS

DO NOT ENTER (DV)

1. (currently amended): A composition comprising a multiplicity of different labels, wherein each different label is directed to a different specific target, wherein each label consists essentially of a particulate support which support is coupled

(a) to a first characterizing signal-generating moiety which moiety comprises one or more entities that emit one or more wavelengths that compose a visible characterizing signal that characterizes said label, and

(b) to a second signal-generating moiety consisting of a single fluorophore directly attached to said particulate support which second signal-generating moiety emits a signal of the same wavelength at the same intensity from all of said different labels,

wherein the wavelength of the signal generated by said second signal-generating moiety is different from the one or more wavelengths that compose the characterizing signal ~~which characterizing signal characterizes the label~~, and

~~wherein said each label further contains~~ at least one reagent that binds specifically to a target for said label.

2. (previously presented): The composition of claim 1, wherein said characterizing signal-generating moiety comprises at least two different signal-generating entities wherein each of the entities generates a wavelength different from that generated by the other entity(s) and wherein the resulting signals of the labels resulting from said wavelength(s) is varied among the different labels whereby each different label is thereby characterized by a different characterizing signal.

3. (currently amended): A method to determine the distribution of multiple target substances in a sample which method comprises contacting said sample with the composition of claim 1,

wherein the number of labels at a location in the sample is assessed by measuring the intensity of the ~~wavelength~~ signal emitted from the second signal generating moiety attached to said particulate supports,